

CLASSIFICATION

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CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

CD NO.

50X1-HUM

COUNTRY Germany (Russian Zone)

DATE DISTR. 4 October 1949

SUBJECT Description of Equipment at the Döberitz
Radar Station

NO. OF PAGES 1

PLACE
ACQUIRED

NO. OF ENCLS. 1
(LISTED BELOW)

DATE OF INF

SUPPLEMENT TO

50X1-HUM

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1. On 4 July 1949, the radar equipment of the Döberitz radar station was observed briefly at 1005 hrs. from a distance of only ten meters. At this time it was turning, and when passed again at the same range at 1150 hrs. it was still turning.
2. The "searching" movement took place through irregular arcs but at a constant speed of about 20 seconds for 90°. Angles "swept" were often 90° or less, but sometimes up to 180° and more. It looked as though the apparatus could turn through 360° before reversing; "sweeps" greater than a full circle were not observed. The mesh screens and Yagis always turned together, not independently.
3. On 5 July 1949, at 1120 hrs., the equipment was observed stationary with Yagis pointing due north and south.
4. Both upper and lower Yagis bore nine dipoles, each about 60 cm. long. The second dipole from the rear, on both upper and lower Yagis, was thicker than the others. The mesh screens were set at right angles to the Yagis, and from the front center of these (on the side opposite to the thick dipoles on the Yagis) protruded supporting arms bearing two dipoles each. These dipoles were about 30 cm. long, and were mounted so that the interval between each pair was half the distance between the mesh screen and the dipole nearest to it.
5. A sketch of the apparatus as seen on 5 July 1949 is attached as Appendix "A".
6. On both days the only vehicle present on the site was a truck mounting a normal wireless aerial.
7. On 7 July 1949, at 1930 hrs., the Yagis were stationary, aligned NNE/SSW. Otherwise there was no change from the condition described above except for the erection of a surrounding wire fence.

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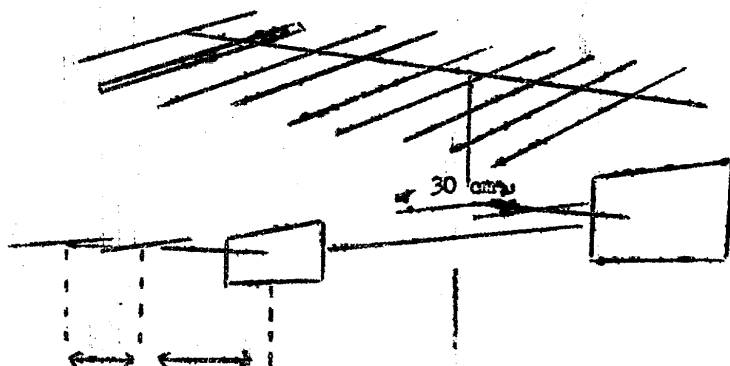
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APPENDIX A



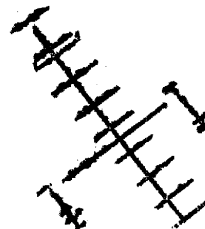
Upper & lower Yagis have
9 dipoles.



2nd dipole on both is
thicker.

Distance between first dipole and screen is twice the distance between
the two dipoles.

Top view, dipoles on
mesh screens are on
the same side.



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